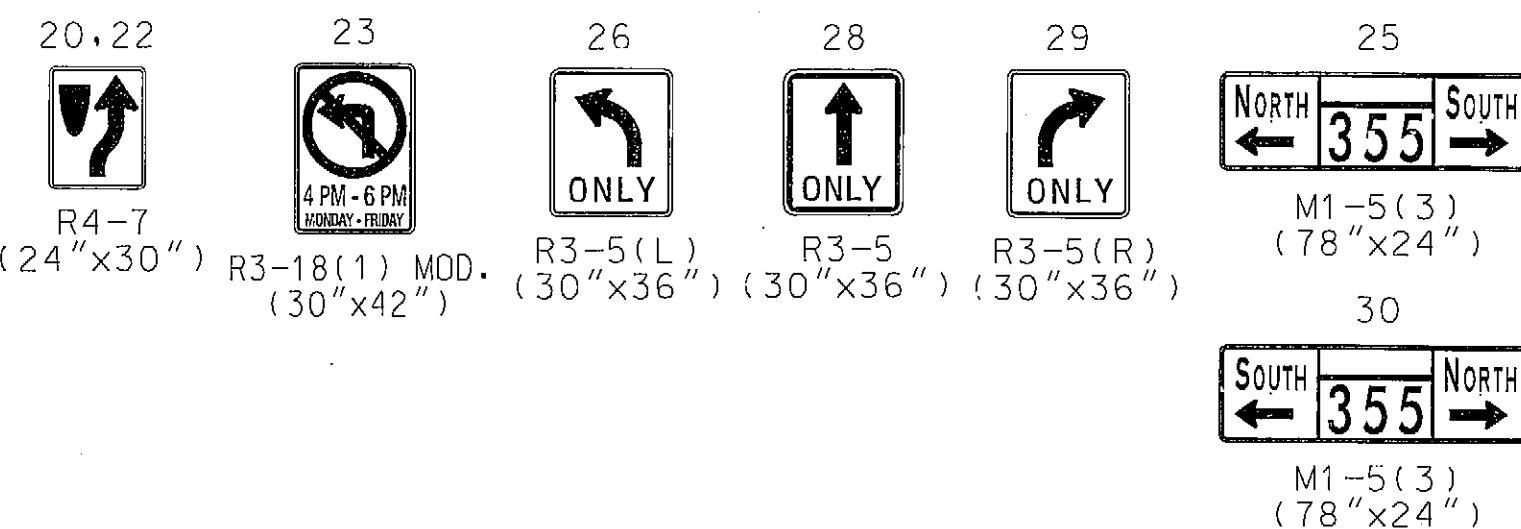


PROPOSED SIGNS



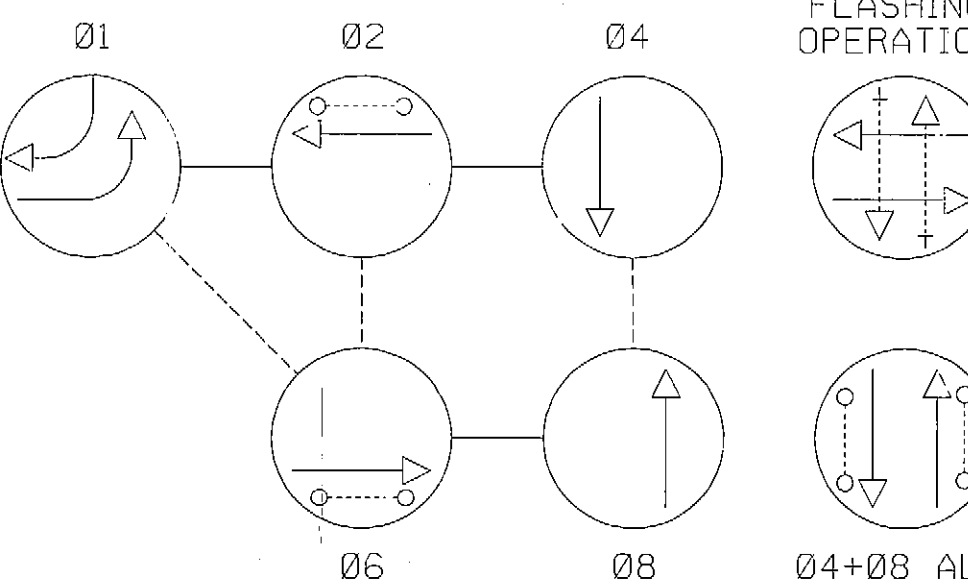
VIDEO ZONE DETECTION

PROPOSED VIDEO DETECTION CAMERA

PROPOSED SIGNALS

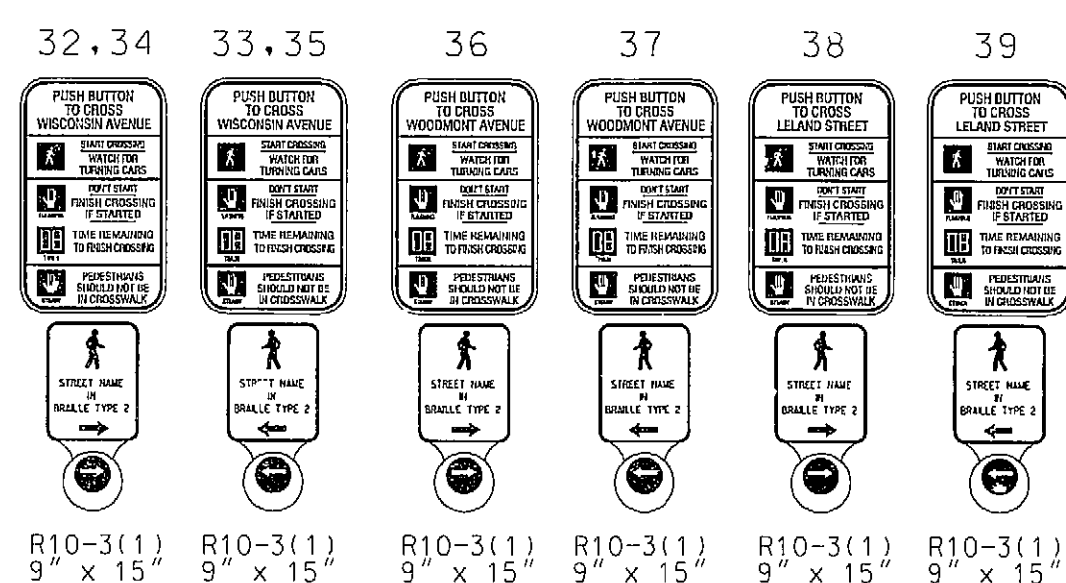
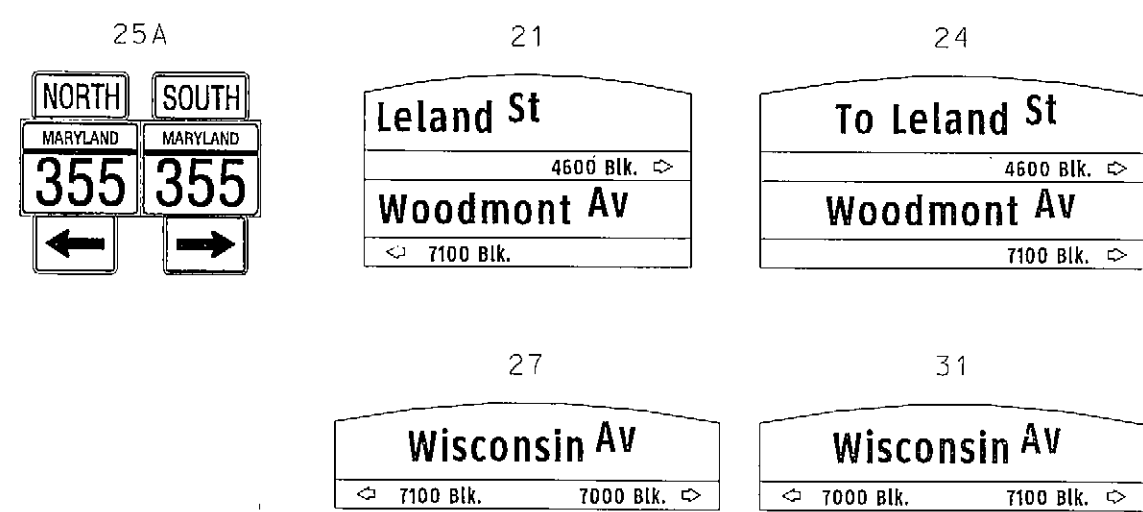
NEMA PHASING

THE EXISTING INTERSECTION OPERATION WILL REMAIN THE SAME



EX. SIGNS TO BE REMOVED

EX. SIGNS TO BE RELOCATED (SHOWN AT FINAL LOCATION)

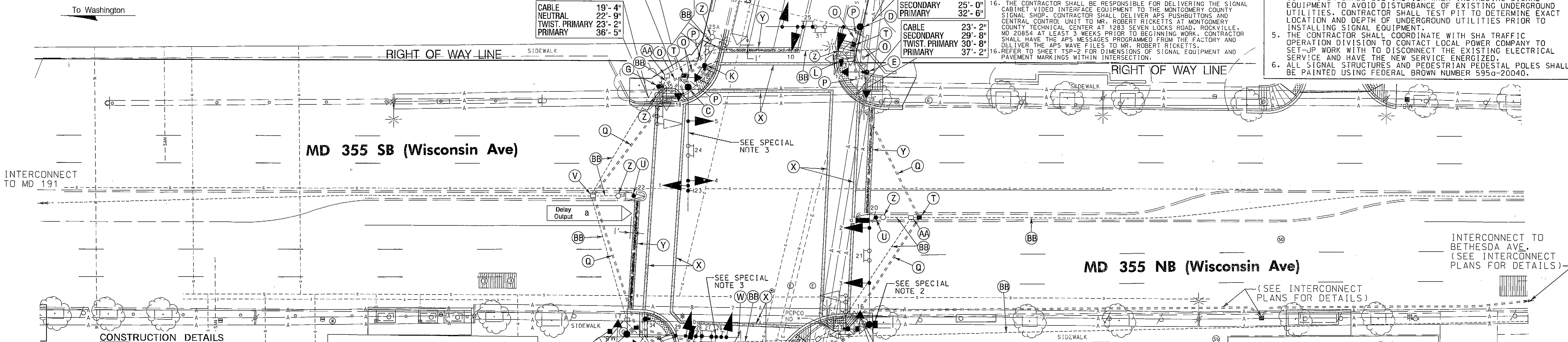


CABLE TWIST, PRIMARY 19'-11"
NEUTRAL 24'-3"
PRIMARY 36'-6"

CABLE TWIST, PRIMARY 19'-4"
NEUTRAL 22'-9"
PRIMARY 33'-5"

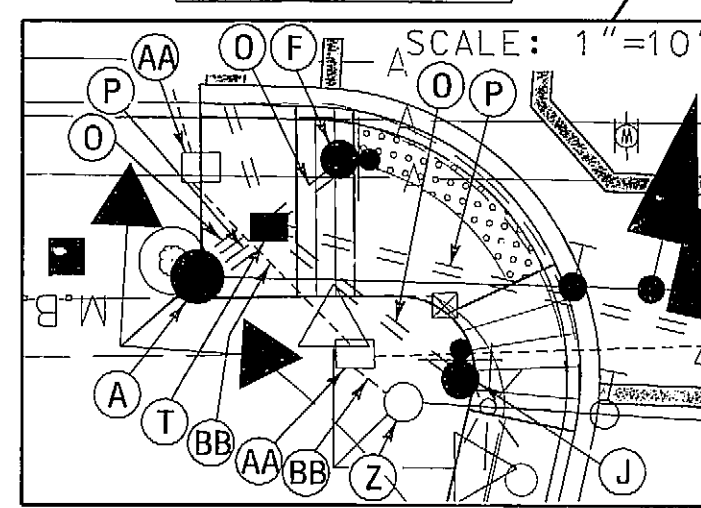
TELEPHONE GUY 18'-8"
SECONDARY 20'-6"
SECONDARY 23'-4"
PRIMARY 25'-0"
PRIMARY 32'-6"

CABLE TWIST, PRIMARY 23'-2"
SECONDARY 29'-8"
SECONDARY 30'-8"
PRIMARY 37'-2"



- A. INSTALL CONCRETE FOUNDATION WITH A 16.5 FT. (15'-0" T) STEEL POLE WITH A 50 FT. (CUT TO 45 FT.) MAST ARM. TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM AND COUNTDOWN PEDESTRIAN SIGNAL HEADS. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
- B. INSTALL CONCRETE FOUNDATION WITH A 16.5 FT. (15'-0" T) STEEL POLE WITH A 50 FT. MAST ARM. TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. MONTGOMERY COUNTY SPICE CABINET AND COUNTDOWN PEDESTRIAN SIGNAL HEAD. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
- C. INSTALL CONCRETE FOUNDATION WITH A 16.5 FT. (15'-0" T) STEEL POLE WITH A 50 FT. MAST ARM. TRAFFIC SIGNAL HEADS, SIGNS AND COUNTDOWN PEDESTRIAN SIGNAL HEADS. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
- D. INSTALL CONCRETE FOUNDATION WITH A 16.5 FT. (15'-0" T) STEEL POLE WITH A 38 FT. MAST ARM. TRAFFIC SIGNAL HEADS AND SIGNS. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
- E. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE. STANDARD NO. MD 801.01-01. COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS WISCONSIN AVE"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
- F. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE. STANDARD NO. MD 801.01-01. AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS WISCONSIN AVE"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
- G. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE. STANDARD NO. MD 801.01-01. AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS WISCONSIN AVE"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
- H. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE. STANDARD NO. MD 801.01-01. COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS LELAND STREET"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
- I. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE. STANDARD NO. MD 801.01-01. AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS WISCONSIN AVE"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
- J. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE. STANDARD NO. MD 801.01-01. AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS WISCONSIN AVE"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
- K. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE. STANDARD NO. MD 801.01-01. AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS WISCONSIN AVE"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
- L. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE. STANDARD NO. MD 801.01-01. AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS WISCONSIN AVE"). (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
- M. INSTALL NEMA SIZE 15" BASE MOUNTED CABINET AND CONTROLLER WITH SIZE 5" FOUNDATION. STANDARD NO. MD 816.07. (INSTALL 3-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN CABINET BASE). EXISTING CONCRETE SIDEWALK TO BE USED IN LIEU OF CONCRETE PADS. 90 DEGREE PVC CONDUIT BENDS IN PEDESTAL BASE.
- N. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- O. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.

COMM. SECONDARY 20'-3"
SECONDARY 21'-9"
SECONDARY 22'-7"
SECONDARY 23'-2"
NEUTRAL 25'-9"
PRIMARY 26'-0"
PRIMARY 33'-6"

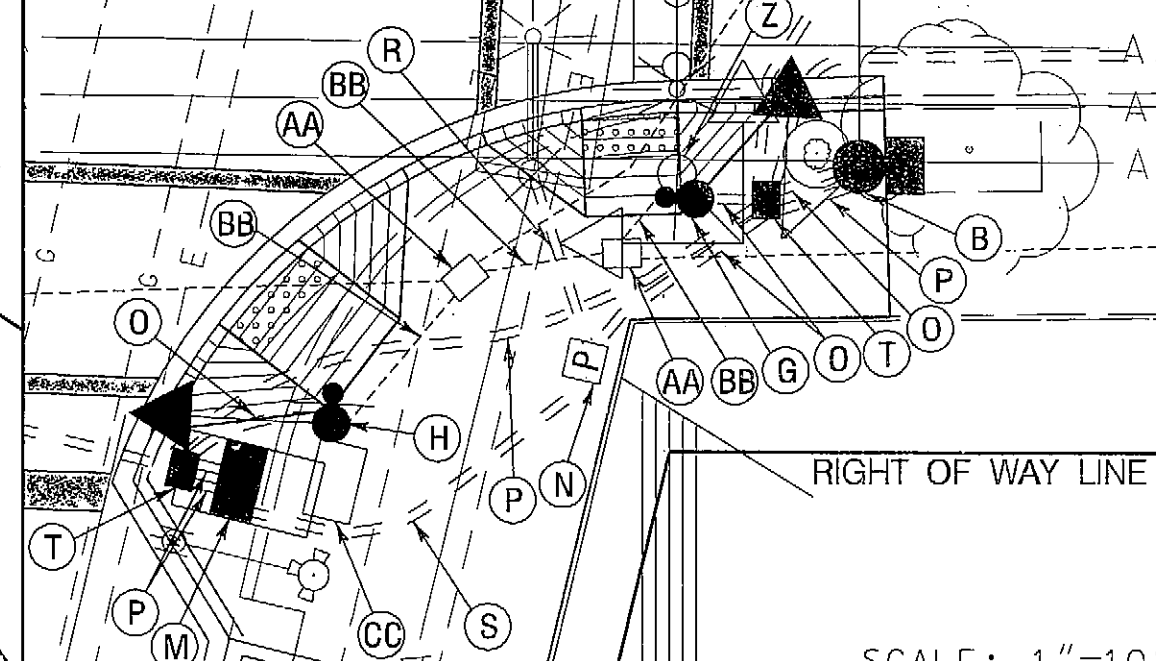


Leland Street

SEE SPECIAL NOTE 2

SEE SPECIAL NOTE 3

FIBER SECONDARY 21'-5"
SECONDARY 27'-1"
SECONDARY 27'-10"
PRIMARY 28'-7"
PRIMARY 38'-0"



WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21201

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 (Wisconsin Avenue) and Woodmont Avenue/Leland Street
Bethesda, Maryland

GEOMETRIC LEGEND	
—	EXISTING
---	PROPOSED

UTILITY LEGEND	
—SD—	STORM DRAIN
—G—	CAS MAIN
—W—	WATER MAIN
—S—	SEWER MAIN
—E—	ELECTRIC CABLES
—A—	AERIAL CABLES
—T—	TELEPHONE CABLES
—F—	FIBER-OPTIC

APPROVALS	
TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
① REBUILD TRAFFIC SIGNAL AND ADD APS. SHA NO. MD1175177 11/05/2013	
SRB RML HO W B RDB J CSW	

TRAFFIC SIGNALIZATION PLAN	
SCALE 1" = 20' ADVERTISED DATE	CONTRACT NO.
DESIGNED BY	COUNTY
DRAWN BY	LOGMILE
CHECKED BY	TMS NO.
F.A.P. NO.	SEE TITLE SHEET
TOD NO.	
TS NO. 10721	DRAWING TSP-1 OF 20 SHEET NO. # OF ###

PLOTTED: March 11, 2013
FILE: N:\31669-235\CAVD\p66-P001_rds5.dgn